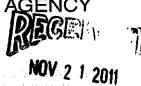


TENNESSEE WILDLIFE RESOURCES AGENCY

REGION I
200 LOWELL THOMAS DRIVE
JACKSON, TENNESSEE 38301



JACKSON W.P.C

To: Jim Hamlington, Wildlife Manager 4

From: Jeff Martin

Subject: 2011 Vegetation Permits

Date: November 16, 2011

The intent of this memorandum is to provide an annual report on chemical control of aquatic plants at Reelfoot Lake WMA by individuals to TDEC - Division of Water Pollution Control. The attached spreadsheet will provide the information on the individual permits. This report is required as part of the permitting process.

Twenty - six (26) permits were applied for and approved. This is the same number of permits issued last year. Extremely high water throughout the month of May, slowed the growth and spread of these aquatic plants.

All common and scientific namees were adopted from the University of Florida - Center for Aquatic and Invasive Plants, except one local name was added. Swamp loosestrife is known as water willow. Scientific names of the plants are as follows:

Swamp loosestrife (water willow) - Decodon verticillatus

Water pennywort- Hydrocotyl rannunculoides

Fragrant water lilly - Nymphaea odorata

With last year's low water and prolonged freeze, Frog's bit (<u>Limnobium spongia</u>) has appeared in places where pennywort was present.

There are two (2) chemicals applied for use. Trade and chemical names are as follows:

Rodeo - glyphosphate

2,4 D - phenoxy carboxylic acid (numerous brand and trade names for both liquid and pellets)

See attached spreadsheet.

cc: Paul Brown
Pat Patrick - TDEC
Reelfoot File

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	APPLICANT	BLIND SITE	HERBECIDE	AQUATIC VEGETATION	SIZE OF AREA	DATE ISSUED
	Jackie Vancleave	R-120	Rodeo	pennywort	0.08 acre	6/17/2011
	Mike Bramlett	R-092	Rodeo	Water willow & pennywort	0.75 acre	6/29/2011
art.	Billy Blakely	R-153	Rodeo	Frog's Bit	0.13 acre	7/11//2011
	Timmy Vancleave	R-016	Rodeo	pennywort	1.0 acre	7/11/2011
	Mark Pierce	R-90	Rodeo	pennywort	0.45 acre	7/11/2011
	Brandon Fowler	R-193	Rodeo	pennywort	0.50 acre	7/11/2011
	Bobby Parker	R-042	Rodeo	pennywort	0.75 acre	7/11/2011
	Chad Hailey	R-122	Weed Trene D	pennywort	0.50 acre	7/11/2011
	L.D. Faulkner	R-076	Rodeo	pennywort	0.09 acre	7/12/2011
	Jamil Homra	R-026	Rodeo	pennywort	1.0 acre	7/14/2011
	Kyle Homra	R-143	Rodeo	water willow & pennywort	0.50 acre	7/14/2011
	Tim Blackley	R-151	Rodeo	pennywort & water willow	1.0 acre	7/18/2011
	William Koupa	R-034	Rodeo	water willow & pennywort	1.0 acre	7/19/2011
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Jim Rippy	William Richardson	Rob Jordan	George Bunch Jr	Chris Naifeh	Richard Spicer	Richard Spicer	Duane Baker	Patrick Johnson	Sammy Cooper IV	William Koupa	T J Petty	Phillip Reed	•
R-048	R-052	R-169	R-150	R-008	R-181	N/A	R-045	R-075	R-019	R-033	R-118	R-063	
glyphosphate	Rodeo	rodeo	Rodeo	24D	Rodeo	Rodeo	Rodeo	24D	Rodeo	Rodeo	2,4 D	Rodeo	
pennywort	pennywort	water willow	pennywort	water willow	pennywort	lilly pads	pennywort	pennywort	pennywort	pennywort	pennywort	Water willow & pennywort	
0.75 acre	0.40 acre	1.0 acre	1.0 acre	1.0 acre	2.0 acre	1.0 acre	0.74 acre	0.50 acre	2.0 acre	0.50 acre	1.0 acre	1.0acre	
8/20/2011	8/18/2011	8/8/2011	8/6/2011	8/1/2011	7/31/2011	7/31/2011	7/30/2011	7/28/2011	7/27/2011	7/21/2011	7/21/2011	7/19/2011	